



Audi of America

Audi A4 2.0 TFSI Technical Specifications

2010 Model Year

Technical Specifications		2010 Audi A4 2.0 TFSI	
ENGINE:			
Type	Inline four-cylinder gasoline engine with FSI direct injection, exhaust turbocharger with intercooler, four valves per cylinder.		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	121.1 cu. in.	1984 cc	
Compression ratio	9.6:1		
Fuel requirement	Premium unleaded (91 Octane) recommended for maximum performance		
Horsepower (SAE)	211 hp	@ 4300-6000 rpm	
Max. Torque	258 lbs. ft.	@ 1500-4200 rpm	
ENGINE DESIGN:			
Cylinder block	cast iron		
Cylinder head	aluminum alloy		
Valve train / intake	Audi valvelift system on exhaust valves, DOHC, chain driven, hydraulic lifters		
Firing order	1-3-4-2		
Fuel injection	Electronic engine management, drive-by-wire throttle, FSI direct injection		
Emission system	Close-coupled ceramic catalytic converter		
Emissions level	EU5; ULEVII;		
ELECTRICAL SYSTEM:			
Battery	12 volts	60 amp/hr	
Alternator	14 volts	280 amp	
DRIVETRAIN:			
Transmission	Automatic (FrontTrak): Multitronic continuously variable transmission (CVT)		
Transmission	Automatic (quattro): Tiptronic 6-speed automatic		
Transmission	Manual (quattro): 6-speed manual transmission		
Type	Multitronic auto (FrontTrak)		Tiptronic auto (quattro)
	Automatic (in Sport mode)		Automatic
			Manual
Gear ratios:	1st	2.492	4.171
	2nd	1.574	2.34
	3rd	1.147	1.521
	4th	0.892	1.143
	5th	0.715	0.867
	6th	0.579	0.691
	7th	0.465	-
	8th	0.37	-
	reverse	3.015	3.403
	Final Drive	5.97	3.517
Front Differential	electronically locking (EDL)		
Center Differential (for quattro)	self-locking center differential		
Rear Differential (for quattro)	electronically locking (EDL)		
STEERING:			
Type	Servotronic vehicle speed-sensitive hydraulic power assist		
Ratio	16.3:1		
Turning circle (curb-to-curb)	37.4 ft.	11.4 m	
SUSPENSION:			
Front	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar, light-weight aluminum components		
Rear	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar		
BRAKES:			
System	Dual-circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (ESP); tandem brake booster		
Front	Ventilated discs		
Rear	Solid discs		
Parking brake	Electromechanical, actuated at rear wheels		

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Technical Specifications (continued)		2010 Audi A4 2.0 TFSI			
WHEELS:					
Size	7.5X17 alloy	Premium			
	8.0X17 alloy	Premium Plus			
	8.0X18 alloy	Prestige; 18" sport package			
	8.5X19 alloy	19" sport package			
TIRES:					
Size	225/50 R17 all season	Premium			
	245/45 R17 all season	Premium Plus			
	245/40 R18 all season	Prestige			
	245/40 R18 summer performance	18" sport package			
	255/35 R19 summer performance	19" sport package			
BODY:					
Material	Unitized steel structure				
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized (12 year limited warranty against corrosion perforation)				
WARRANTY/MAINTENANCE:					
	4-Year/50,000 mile new vehicle limited warranty				
	12-Month/5,000 mile (whichever occurs first)				
CAPACITIES:					
Engine oil	4.26 qt.	4.6 liter			
Fuel tank	17.17 gal.	65 liter			
Cooling system	7.4 qt.	7 liter			
EXTERIOR DIMENSIONS:					
	Sedan			Avant	
Wheelbase	110.6 in.	2808 mm	110.55 in.	2808 mm	
Track: front / rear	61.6/61.1	1564/1551 mm	61.6/61.1	1564/1551 mm	
Overall length	185.2 in.	4703 mm	185.16 in.	4703 mm	
Overall width mirrors	71.89 in.	1826 mm	71.89 in.	1826 mm	
Height (unloaded)	56.181 in.	1427 mm	56.535 in.	1436 mm	
Drag coefficient	Cw = 0.28 Frontal Area = 2.20 sq. m.		Cw = 0.325 a = 2.20 sq. m.		
	Multitronic FrontTrak		Tiptronic quattro	Manual quattro	Tip. qu. Avant
Curb weight	3505 lbs.		3704 lbs.	3616	3814 lbs
INTERIOR DIMENSIONS:					
EPA Class	Compact class				
Seating Capacity	5				
	Sedan			Avant	
Head room front / rear	40.0 in.	1015 mm	/ 37.5 in.	952 mm	40.394 in.
					1026 mm / 38.228 in.
					971 mm
Shoulder room front / rear	55.5 in.	1410 mm	/ 54.3 in.	1380 mm	55.512 in.
					1410 mm / 54.331 in.
					1380 mm
Leg room front / rear	41.3 in.	1050 mm	35.2 in.	895 mm	41.3 in.
					1050 mm 35.2 in.
					895 mm
Int. vol. (EPA)	91 cu. ft.		90 cu. ft.		
Luggage capacity (EPA)	12.0 cu. ft. (34.0 cuft. Rear seats folded)		28.0 cu. ft. (50.5 cuft. Rear seats folded)		
PERFORMANCE:					
	Multitronic FrontTrak		quattro Tiptronic	quattro Manual	quattro Tiptronic Avant
0-60 mph	7.1 sec.		6.6 sec.	6.4 sec.	6.9 sec.
Top speed	Electronically limited to 130 mph				
FUEL ECONOMY:					
	EPA				
	Multitronic FrontTrak		quattro Tiptronic	quattro Manual	quattro Tiptronic Avant
City	23 mpg		21 mpg	22 mpg	21 mpg
Highway	30 mpg		27 mpg	30 mpg	27 mpg
Combined	25 mpg		23 mpg	25 mpg	23 mpg